

SWP 7-Day Water Quality Summary Report - California Aqueduct

For dates: 12/4/2014 to 12/11/2014

This water quality report is produced by the Department of Water Resources, Division of Operations and Maintenance, Water Quality Section.

To view WQ data from the automated stations along the SWP, visit:
http://www.water.ca.gov/swp/waterquality/AutostationData/Autostation_map.cfm
and use the map to click on a station name to link to the station's data on the California Data Exchange Center (CDEC) website.

I. Summary

California Aqueduct	12/4/2014	12/11/2014	% Change	7-Day Average
Clifton Court (CLC)				
Salinity (EC), $\mu\text{S/cm}$	611	620	1	591
Temperature, $^{\circ}\text{C}$	14.1	14.2	<1	14.5
Turbidity, NTU	6.8	8.1	+ 18	6.0
pH	7.5	7.5	<1	7.4
Harvey Banks Pumping Plant (HBP)				
Salinity (EC), $\mu\text{S/cm}$	633	623	-2	617
Temperature, $^{\circ}\text{C}$	14.6	13.8	-6	14.4
Turbidity, NTU	9.5	35.2	+ 271	12.1
pH	7.1	8.1	+ 13	7.9
UVA @ 254nm (u/cm)	m	m	---	---
O'Neill Forebay Outlet (C13)				
Salinity (EC), $\mu\text{S/cm}$	681	641	-6	663
Temperature, $^{\circ}\text{C}$	14.6	14.6	<1	14.8
Turbidity, NTU	1.9	2.5	+ 30	2.0
pH	7.7	7.3	-6	7.7
Check 21 (C21)				
Salinity (EC), $\mu\text{S/cm}$	805	730	-10	780
Temperature, $^{\circ}\text{C}$	14.7	14.6	-1	14.8
Turbidity, NTU	6.9	8.1	+ 16	7.6
pH	9.4	8.5	-9	9.2

Check 29 (C29)				
Salinity (EC), $\mu\text{S}/\text{cm}$	576	714	+ 23	637
Temperature, $^{\circ}\text{C}$	18.4	17.6	-5	18.2
Turbidity, NTU	3.5	3.5	<1	3.3
pH	8.0	7.9	-1	8.0

Check 41 (C41)				
Salinity (EC), $\mu\text{S}/\text{cm}$	556	521	-7	533
Temperature, $^{\circ}\text{C}$	15.1	17.7	+ 17	17.1
Turbidity, NTU	6.8	6.9	1	12.1
pH	7.6	8.4	+ 10	8.1

Castaic Lake Outlet (CSO)				
Salinity (EC), $\mu\text{S}/\text{cm}$	533	593	+ 11	567
Temperature, $^{\circ}\text{C}$	18.9	15.3	-20	16.9
Turbidity, NTU	1.1	2.0	+ 87	1.5
pH	9.3	7.5	-20	8.3

Check 66 (C66)				
Salinity (EC), $\mu\text{S}/\text{cm}$	562	507	-10	507
Temperature, $^{\circ}\text{C}$	12.7	13.1	+ 3	13.1
Turbidity, NTU	1.4	3.2	+ 129	3.2

Devil Canyon 2nd Afterbay (DC2)				
Salinity (EC), $\mu\text{S}/\text{cm}$	623	611	-2	616
Temperature, $^{\circ}\text{C}$	m	m	---	---
Turbidity, NTU	8.9	8.5	-5	8.8

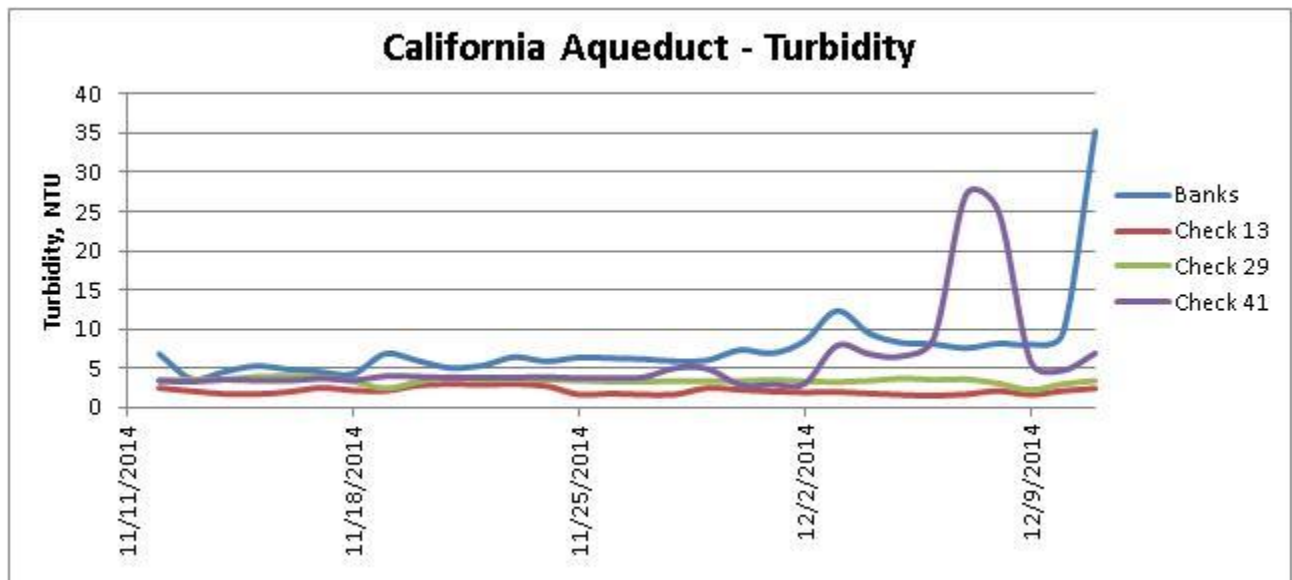
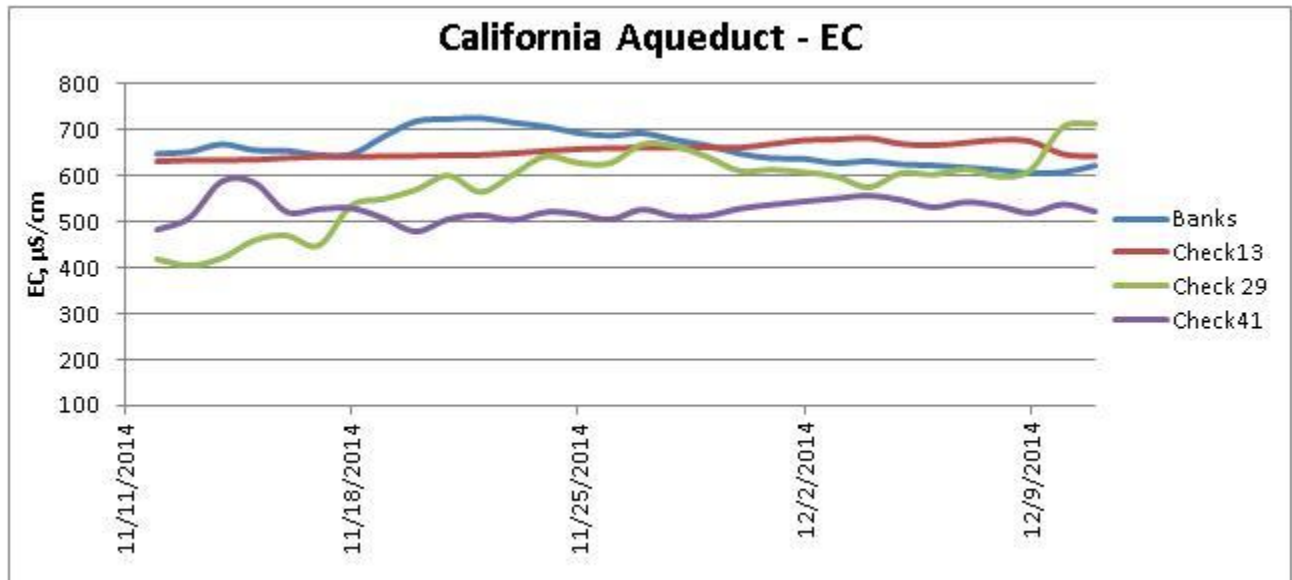
'm' indicates missing data. '---' indicates 'not applicable'. All data are preliminary and subject to revision without notice.

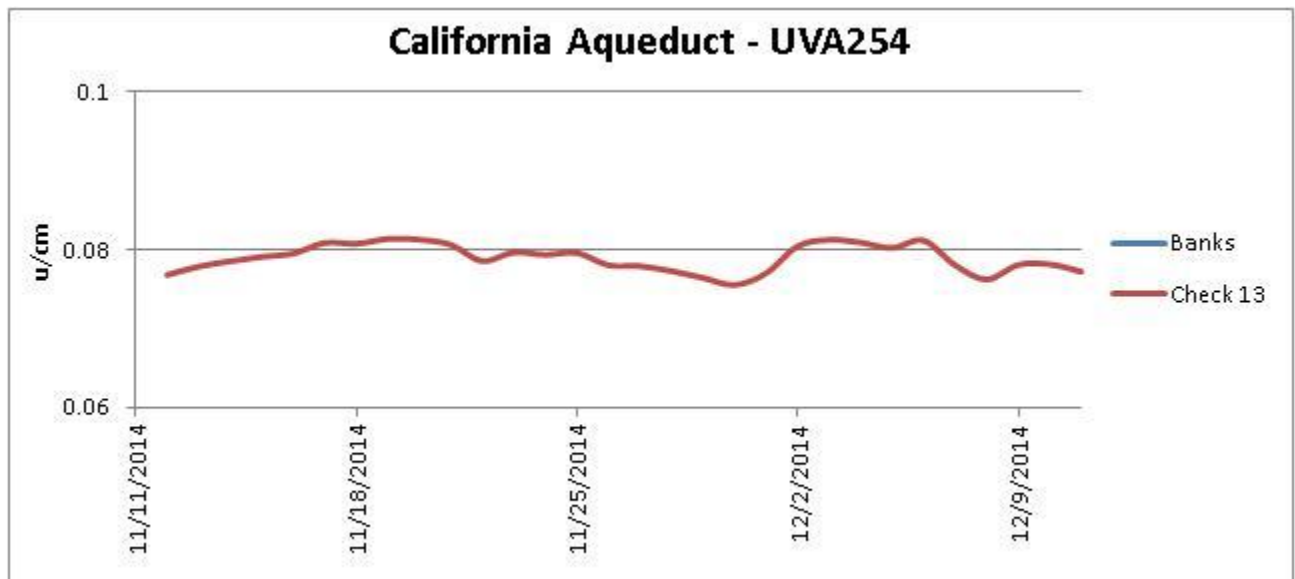
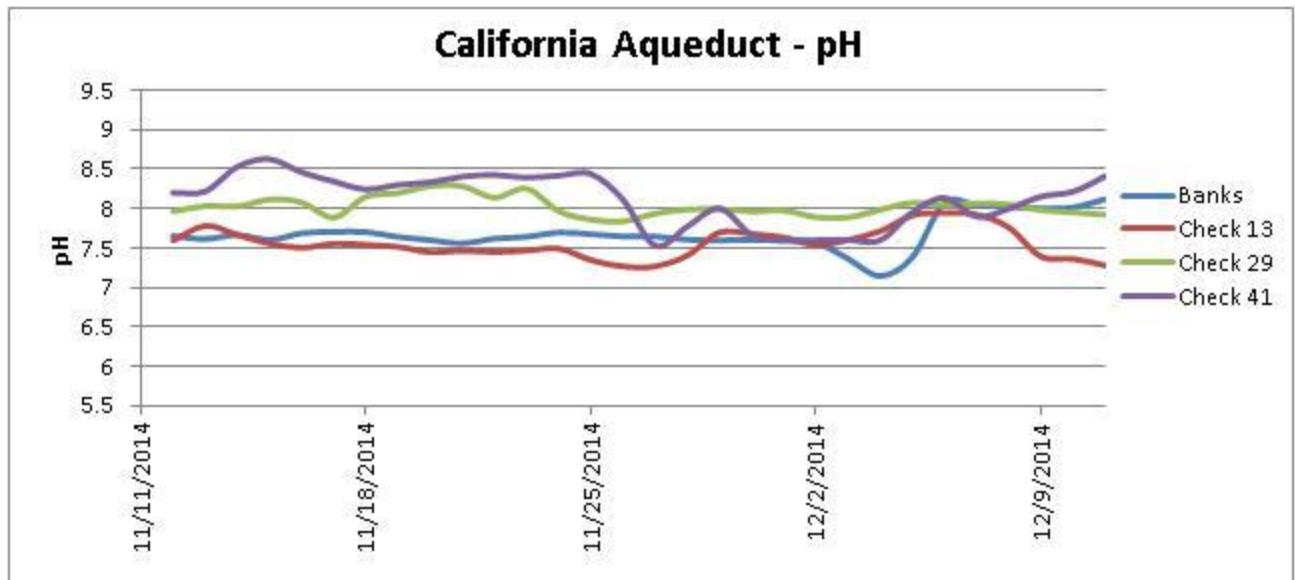
II. Notes (updated on 12/11/2014)

Taste and Odor: MIB and geosmin concentrations in water sampled on December 8, 2014 at Clifton Court Inlet, Banks Pumping Plant, Del Valle Check 7, Dyer Reservoir, O'Neill Forebay Outlet (Check 13), Gianelli Pumping Plant, and Pacheco Pumping Plant ranged from 1 to 40 ng/L. MIB concentrations ranged from 1 ng/L at Pacheco Pumping Plant to 5 ng/L at O'Neill Forebay Outlet (Check 13). Geosmin concentrations ranged from 1 ng/L at Dyer Reservoir and Pacheco Pumping Plant to 40 ng/L at O'Neill Forebay Outlet (Check 13).

Banks Pumping Plant: UVA data temporarily unavailable.

III. 30-Day Charts for Selected Sites:





SWP 7-Day Water Quality Summary Report - North Bay Aqueduct

For dates: 12/4/2014 to 12/11/2014

This water quality report is produced by the Department of Water Resources, Division of Operations and Maintenance, Water Quality Section.

To view WQ data from the automated stations along the SWP, visit:
http://www.water.ca.gov/swp/waterquality/AutostationData/Autostation_map.cfm
and use the map to click on a station name to link to the station's data on the California Data Exchange Center (CDEC) website.

I. Summary

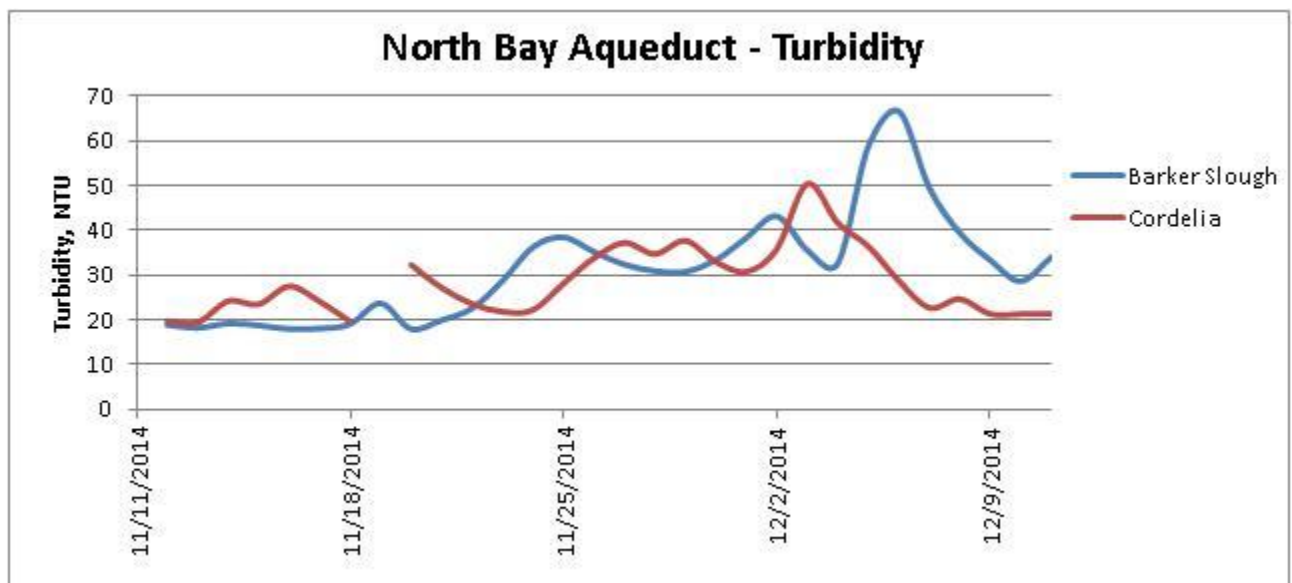
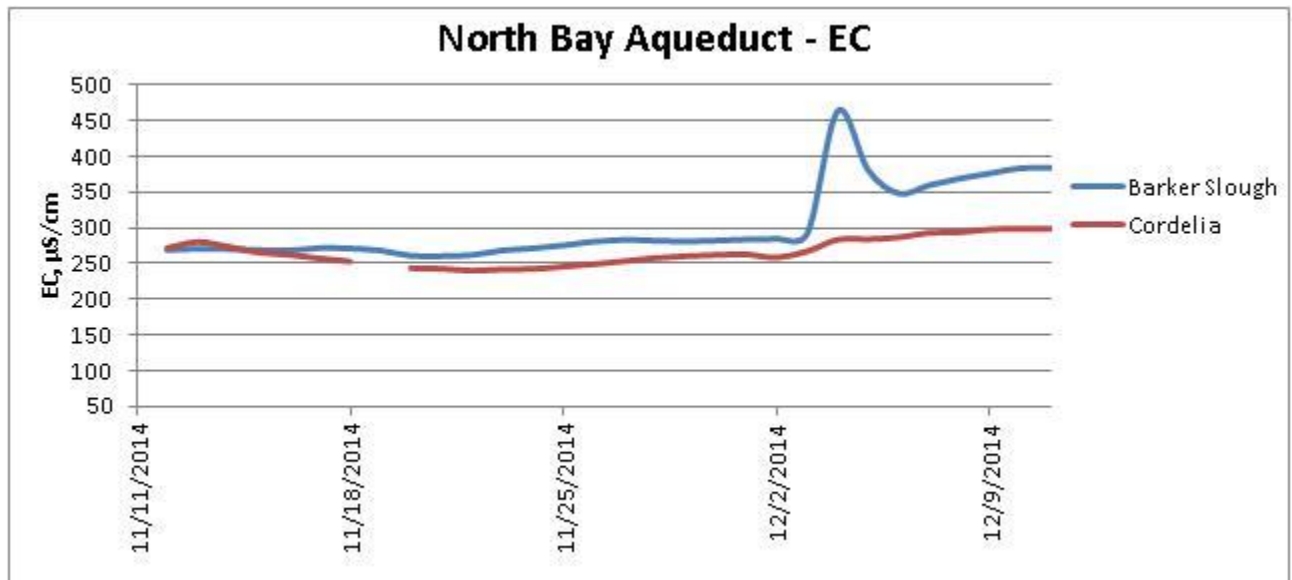
North Bay Aqueduct	12/4/2014	12/11/2014	% Change	7-Day Average
Barker Slough				
Salinity (EC), $\mu\text{S}/\text{cm}$	462	383	-18	371
Temperature, $^{\circ}\text{C}$	14.2	13.8	-4	14.5
Turbidity, NTU	32.8	34.2	+ 4	44.4
pH	7.7	7.6	-2	7.5
Cordelia Pumping Plant				
Salinity (EC), $\mu\text{S}/\text{cm}$	285	300	+ 5	294
Temperature, $^{\circ}\text{C}$	13.7	14.5	+ 6	14.3
Turbidity, NTU	41.6	21.4	-49	25.2

'm' indicates missing data. '---' indicates 'not applicable'. All data are preliminary and subject to revision without notice.

II. Notes (updated on 12/11/2014)

Cordelia Pumping Plant: Station was offline from 12/11/14, 4:00 AM to 12/12/14, 11:00 AM.

III. 30-Day Charts for Selected Sites:



SWP 7-Day Water Quality Summary Report - South Bay Aqueduct

For dates: 12/4/2014 to 12/11/2014

This water quality report is produced by the Department of Water Resources, Division of Operations and Maintenance, Water Quality Section.

To view WQ data from the automated stations along the SWP, visit:
http://www.water.ca.gov/swp/waterquality/AutostationData/Autostation_map.cfm
and use the map to click on a station name to link to the station's data on the California Data Exchange Center (CDEC) website.

I. Summary

South Bay Aqueduct	12/4/2014	12/11/2014	% Change	7-Day Average
Clifton Court (CLC)				
Salinity (EC), $\mu\text{S}/\text{cm}$	611	620	1	591
Temperature, $^{\circ}\text{C}$	14.1	14.2	<1	14.5
Turbidity, NTU	6.8	8.1	+ 18	6.0
pH	7.5	7.5	<1	7.4
Harvey Banks Pumping Plant (HBP)				
Salinity (EC), $\mu\text{S}/\text{cm}$	633	623	-2	617
Temperature, $^{\circ}\text{C}$	14.6	13.8	-6	14.4
Turbidity, NTU	9.5	35.2	+ 271	12.1
pH	7.1	8.1	+ 13	7.9
UVA @ 254nm (u/cm)	m	m	---	---
Del Valle Check 7 (DV7)				
Salinity (EC), $\mu\text{S}/\text{cm}$	651	603	-8	626
Temperature, $^{\circ}\text{C}$	14.1	14.0	-1	14.2
Turbidity, NTU	3.9	9.2	+ 138	4.8
pH	7.8	7.6	-2	7.8
Del Valle COW (DCO)				
Salinity (EC), $\mu\text{S}/\text{cm}$	647	604	-7	622
Temperature, $^{\circ}\text{C}$	15.0	14.9	-1	14.9
Turbidity, NTU	3.4	3.4	<1	3.4
pH	7.9	7.8	-2	7.8

Vallecitos (VSB)				
Salinity (EC), $\mu\text{S}/\text{cm}$	658	604	-9	627
Temperature, $^{\circ}\text{C}$	14.2	14.3	1	14.4
Turbidity, NTU	4.6	6.2	+ 32	4.8
pH	7.8	7.9	<1	7.9

'm' indicates missing data. '---' indicates 'not applicable'. All data are preliminary and subject to revision without notice.

II. Notes (updated on 12/11/2014)

Taste and Odor: MIB and geosmin concentrations in water sampled on December 8, 2014 at O'Neill Forebay Outlet (Check 13), Gianelli Pumping Plant and Pacheco Pumping Plant ranged from 1 to 40 ng/L. MIB concentrations at these stations ranged from 1 ng/L at Pacheco Pumping Plant to 5 ng/L at O'Neill Forebay Outlet (Check 13). Geosmin concentrations ranged from 1 ng/L at Pacheco Pumping Plant to 40 ng/L at O'Neill Forebay Outlet (Check 13) .

III. 30-Day Charts for Selected Sites:

